

Social Explorer Accessibility Conformance Report

Revised Section 508 Edition

VPAT® Version 2.3 (Revised) – December 2019

Name of Product/Version: Social Explorer (abbreviated as SE in this document)

Product Description: Maps

Report Date: December 2019

Contact Information: info@socialexplorer.com

Notes: Report for SocialExplorer Inc.'s online product SocialExplorer.com (maps section)

Evaluation Methods Used: Conformance to the listed accessibility standards have been evaluated by Social Explorer using a combination of static analysis tools and manual testing with assistive technologies.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

| Standard/Guideline | Included In Report |
|---|---|
| Web Content Accessibility Guidelines 2.0 | Level A (Yes) Level AA (Yes) Level AAA (No) |
| Web Content Accessibility Guidelines 2.1 | Level A (Yes) Level AA (Yes) Level AAA No) |
| Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018 | (Yes) |

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.1 Report

Tables 1 and 2 also document conformance with:

- Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
|--|--------------------|---|
| <p><u>1.1.1 Non-text Content</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Does Not Support | SE maps use standard HTML and WAI-ARIA techniques for providing text equivalents of non-text elements. However, there is no text equivalent for the map. |
| <p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Not Applicable | SE maps do not have prerecorded audio-only or video-only content. |
| <p><u>1.2.2 Captions (Prerecorded)</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Not Applicable | SE maps do not have prerecorded audio-only or video-only content. |
| <p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Not Applicable | SE maps do not have prerecorded audio-only or video-only content. |
| <p><u>1.3.1 Info and Relationships</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) | Partially Supports | SE uses semantically-correct markup so that information, structure, and relationships can be understood independent of presentation. Some elements require more work. |

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| <ul style="list-style-type: none"> ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | | |
| <p><u>1.3.2 Meaningful Sequence</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Partially Supports | Some elements are read out of order, but SE generates semantically-correct markup to allow assistive technologies to interpret the meaning of content and controls for most content. |
| <p><u>1.3.3 Sensory Characteristics</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | SE maps do not depend solely on sensory characteristics such as shape, size, visual location, orientation, or sound to understand content. |
| <p><u>1.4.1 Use of Color</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Does Not Support | Color is used to represent different data and currently there is no possibility to bypass this. SE will implement a map text reader that will convey information available in color form. |
| <p><u>1.4.2 Audio Control</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Not Applicable | SE maps do not have any audio content that autoplays. |
| <p><u>2.1.1 Keyboard</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | SE maps are a web-based application that supports standard keyboard navigation and input functions (such as pressing [Tab] to move between input fields, pressing the arrow keys to move between list items, and pressing [Space] or [Enter] to make selections). |
| <p><u>2.1.2 No Keyboard Trap</u> (Level A)</p> <p>Also applies to:</p> | Supports | SE maps are a web-based application that supports standard keyboard navigation and |

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| Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | | ensures that keyboard users cannot be trapped in a subset of content. |
| <u>2.1.4 Character Key Shortcuts</u> (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply | Not Applicable | SE maps do not use keyboard shortcuts for navigation or accessing content. |
| <u>2.2.1 Timing Adjustable</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Not Applicable | SE maps does not impose any time limits on users. |
| <u>2.2.2 Pause, Stop, Hide</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Not Applicable | SE maps do not include moving, blinking, scrolling, or auto-updating information. |
| <u>2.3.1 Three Flashes or Below Threshold</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | SE maps do not contain any content that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds. |
| <u>2.4.1 Bypass Blocks</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) – Does not apply to non-web software ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) – Does not apply to non-web docs | Does Not Support | SE maps do not offer a mechanism to bypass blocks of content. |

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| <p>2.4.2 Page Titled (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | Web pages within SE product have descriptive titles that indicate the topic or purpose of each page. |
| <p>2.4.3 Focus Order (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Partially Supports | SE maps use a logical tab order through interactive elements such as links and form controls with just a few exceptions. During page navigation, focusable components receive focus in an order that preserves meaning and operability. |
| <p>2.4.4 Link Purpose (In Context) (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | SE maps use descriptive text or WAI-ARIA techniques, such as adding an “aria-label” attribute to table paging control icons, to identify the purpose of links. |
| <p>2.5.1 Pointer Gestures (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply</p> | Not Applicable | SE maps do not have any functionality that uses multipoint or path-based gestures for operation. |
| <p>2.5.2 Pointer Cancellation (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply</p> | Supports | All functionalities in SE maps that can be operated using a single pointer do not have Down-Event and the completion of the functionality happens on Up-Event. |
| <p>2.5.3 Label in Name (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply</p> | Supports | In SE maps, all user interface components with labels that include text or images of text, the name contains the text that is presented visually. |
| <p>2.5.4 Motion Actuation (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply</p> | Not Applicable | SE maps do not have any functionality that is operated by device motion or user motion. |
| <p>3.1.1 Language of Page (Level A) Also applies to: Revised Section 508</p> | Supports | SE maps use the language attribute on the HTML element to specify the default language of a page. |

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| <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | | |
| <p>3.2.1 On Focus (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | When a component in a SE user interface receives focus, it does not initiate a change of context. |
| <p>3.2.2 On Input (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | Changing the setting of a component in a SE user interface does not initiate a change of context. |
| <p>3.3.1 Error Identification (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | If SE maps automatically detect an input error, the item that is in error is identified and the error is described to the user in text. |
| <p>3.3.2 Labels or Instructions (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | SE maps use labels or instructions when content requires user input. |
| <p>4.1.1 Parsing (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | SE maps use semantically-correct markup for all interface elements. The markup is programmatically generated to prevent parsing errors. |

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| <p>4.1.2 Name, Role, Value (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | SE maps use standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to assistive technologies. |
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Table 2: Success Criteria, Level AA

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
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| <p>1.2.4 Captions (Live) (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Not Applicable | SE maps do not have live audio content. |
| <p>1.2.5 Audio Description (Prerecorded) (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Not Applicable | SE maps do not have prerecorded audio-only or video-only content. |
| <p>1.3.4 Orientation (Level AA 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p> | Supports | Content in SE maps does not restrict its view and operation to a single display orientation. |
| <p>1.3.5 Identify Input Purpose (Level AA 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p> | Supports | The purpose of each input field collecting information about the user in SE maps is programmatically determined. |
| <p>1.4.3 Contrast (Minimum) (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) | Partially Supports | The visual presentation of text in SE maps provides sufficient contrast. Exceptions are some situations where map color and map label do not provide sufficient contrast. |

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| <ul style="list-style-type: none"> ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | | |
| <p>1.4.4 Resize text (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | SE maps user interfaces support standard zoom capabilities built into modern web browsers and operating systems. |
| <p>1.4.5 Images of Text (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | SE maps do not use images of text by default to convey information. There is text on images where these images are not essential for using the product. |
| <p>1.4.10 Reflow (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>Revised Section 508 – Does not apply</p> | Supports | SE maps present content without loss of information and functionality, and without requiring scrolling in two dimensions. |
| <p>1.4.11 Non-text Contrast (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>Revised Section 508 – Does not apply</p> | Partially Supports | All visual representations in SE maps used to convey information have sufficient contrast against adjacent colors. However, it is possible to use custom colors on the maps which do not have to meet this criteria. |
| <p>1.4.12 Text Spacing (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>Revised Section 508 – Does not apply</p> | Supports | SE maps implement content using standard markup languages so that no loss of content or functionality occurs when spacing is changed between lines, words, letters, or paragraphs. |
| <p>1.4.13 Content on Hover or Focus (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>Revised Section 508 – Does not apply</p> | Does Not Support | SE maps use content that appears on hover - map tooltips which provide information appear on hover. |
| <p>2.4.5 Multiple Ways (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) – Does not apply to non-web software | Not Applicable | SE maps content is loaded within one web page and as such does not need to conform to this criteria. |

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| <ul style="list-style-type: none"> ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) – Does not apply to non-web docs | | |
| <p>2.4.6 Headings and Labels (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Partially Supports | SE maps use semantically-correct markup for most interface elements, including headings and labels. |
| <p>2.4.7 Focus Visible (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Partially Supports | SE maps use visual changes to elements to indicate the current position of focus, except on few buttons where focus is not visible. |
| <p>3.1.2 Language of Parts (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Not Applicable | In SE maps, the only language used in English. |
| <p>3.2.3 Consistent Navigation (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) – Does not apply to non-web software ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) – Does not apply to non-web docs | Supports | SE maps use the same navigation mechanisms across pages. |
| <p>3.2.4 Consistent Identification (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) – Does not apply to non-web software | Supports | SE maps components that have the same functionality within a set of Web pages are identified consistently. |

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| <ul style="list-style-type: none"> ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) – Does not apply to non-web docs | | |
| <p>3.3.3 Error Suggestion (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | SE maps provide suggestions for correcting errors. |
| <p>3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | SE maps incorporate error prevention. |
| <p>4.1.3 Status Messages (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>Revised Section 508 – Does not apply</p> | Not Applicable | SE maps do not use status messages. |

Table 3: Success Criteria, Level AAA

Notes: **NOT EVALUATED**

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Notes:

Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
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| 302.1 Without Vision | Does Not Support | SE maps use standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to assistive technologies, but the map itself does not offer text alternative. |
| 302.2 With Limited Vision | Supports | SE maps support standard browser magnification and contrast adjustments. |
| 302.3 Without Perception of Color | Does Not Support | Color is the only option of conveying information from the SE maps. |
| 302.4 Without Hearing | Not Applicable | SE maps do not include audio-only features that require hearing to be used. |
| 302.5 With Limited Hearing | Not Applicable | SE maps do not include audio-only features that require hearing to be used. |
| 302.6 Without Speech | Not Applicable | SE maps do not require speech input. |
| 302.7 With Limited Manipulation | Supports | SE maps support standard input mechanisms such as user-provided keyboards and pointing devices. Usage of the product does not require fine motor control or simultaneous actions. |
| 302.8 With Limited Reach and Strength | Not Applicable | SE maps do not require any kind of input that would have an impact on users with limited reach and strength. |
| 302.9 With Limited Language, Cognitive, and Learning Abilities | Supports | |

Chapter 4: [Hardware](#)

Notes: SE product is a web software application and not subject to the requirements of this section.

Chapter 5: [Software](#)

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
|---|-------------------------------------|--|
| 501.1 Scope – Incorporation of WCAG 2.0 AA | See WCAG 2.x section | See information in WCAG 2.x section |
| 502 Interoperability with Assistive Technology | Heading cell – no response required | Heading cell – no response required |
| 502.2.1 User Control of Accessibility Features | Not Applicable | SE maps are not considered platform software as defined by Section 508. |
| 502.2.2 No Disruption of Accessibility Features | Supports | SE maps are compatible with operating system and browser accessibility features configured by the user. |
| 502.3 Accessibility Services | Heading cell – no response required | Heading cell – no response required |
| 502.3.1 Object Information | Partially Supports | SE maps use WAI-ARIA attributes to describe the role, state, and description of user interface elements to assistive technologies. The only exception is the map itself. |
| 502.3.2 Modification of Object Information | Supports | SE maps use standard HTML or ARIA object roles for maximum compatibility with assistive technologies. |
| 502.3.3 Row, Column, and Headers | Not Applicable | In SE maps, there are no table structures. |
| 502.3.4 Values | Supports | SE maps use standard HTML or ARIA object attributes for maximum compatibility with assistive technologies. |
| 502.3.5 Modification of Values | Supports | SE maps use standard HTML or ARIA object attributes for maximum compatibility with assistive technologies. |

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| 502.3.6 Label Relationships | Supports | SE maps use standard HTML and WAI-ARIA attributes to describe label relationships of user interface elements to assistive technologies. |
| 502.3.7 Hierarchical Relationships | Supports | SE maps use standard HTML markup to express hierarchical relationships. |
| 502.3.8 Text | Supports | SE maps render strings as plain text values in HTML for maximum compatibility with assistive technologies. |
| 502.3.9 Modification of Text | Supports | SE maps render strings as plain text values in HTML for maximum compatibility with assistive technologies. |
| 502.3.10 List of Actions | Supports | SE maps use standard HTML or ARIA object attributes for maximum compatibility with assistive technologies. |
| 502.3.11 Actions on Objects | Supports | SE maps use standard HTML or ARIA object attributes for maximum compatibility with assistive technologies. |
| 502.3.12 Focus Cursor | Supports | SE maps use visual changes to elements to indicate the current position of focus. |
| 502.3.13 Modification of Focus Cursor | Supports | SE maps use standard HTML elements with standard cursor controls for user input. |
| 502.3.14 Event Notification | Supports | SE maps use standard HTML or ARIA techniques to make all event notifications available to assistive technology. |
| 502.4 Platform Accessibility Features | Not Applicable | SE maps are not considered platform software as defined by Section 508. |
| 503 Applications | Heading cell – no response required | Heading cell – no response required |
| 503.2 User Preferences | Not Applicable | SE maps are a Web application and therefore do not have to conform to 503.2. |
| 503.3 Alternative User Interfaces | Not Applicable | SE maps do not provide any alternative user interfaces that function as assistive technology. |
| <i>503.4 User Controls for Captions and Audio Description</i> | Heading cell – no response required | Heading cell – no response required |
| 503.4.1 Caption Controls | Not Applicable | SE maps do not have any kind of video content. |

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| 503.4.2 Audio Description Controls | Not Applicable | SE maps do not have any kind of video content. |
| <u>504 Authoring Tools</u> | Heading cell – no response required | Heading cell – no response required |
| 504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”) | See WCAG 2.x section | See information in WCAG 2.x section |
| 504.2.1 Preservation of Information Provided for Accessibility in Format Conversion | Not Applicable | SE maps are not an authoring tool. |
| 504.2.2 PDF Export | Not Applicable | SE maps are not an authoring tool. |
| 504.3 Prompts | Not Applicable | SE maps are not an authoring tool. |
| 504.4 Templates | Not Applicable | SE maps are not an authoring tool. |

Chapter 6: [Support Documentation and Services](#)

Notes: This report covers accessibility conformance for the SE product and does not discuss Documentation or Support Services.